

201020102042900T

FIG. 1
PRIOR ART

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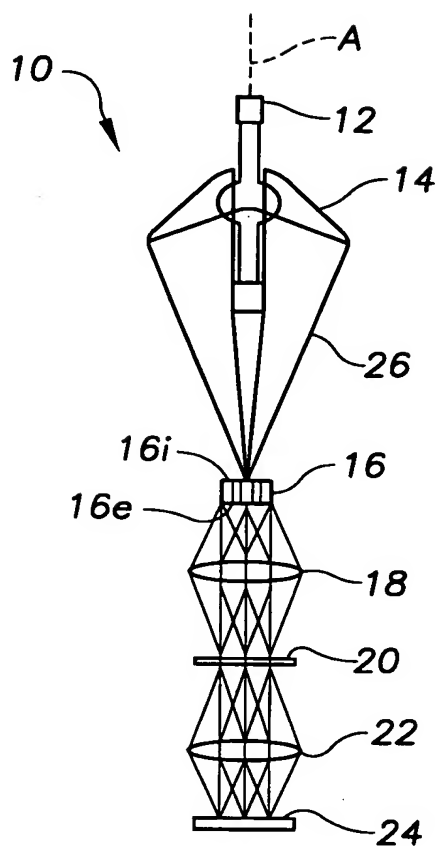


FIG. 2
PRIOR ART

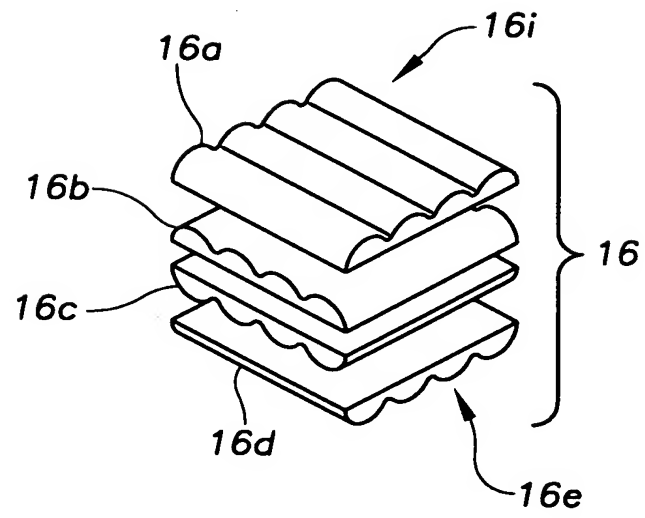
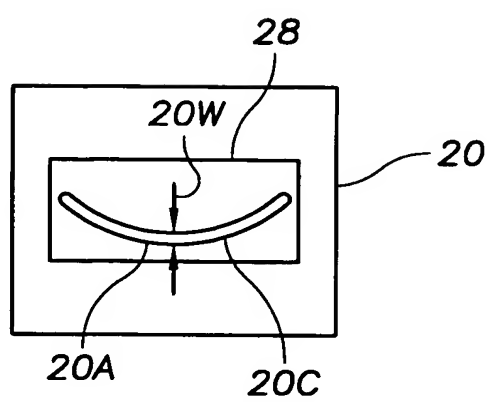
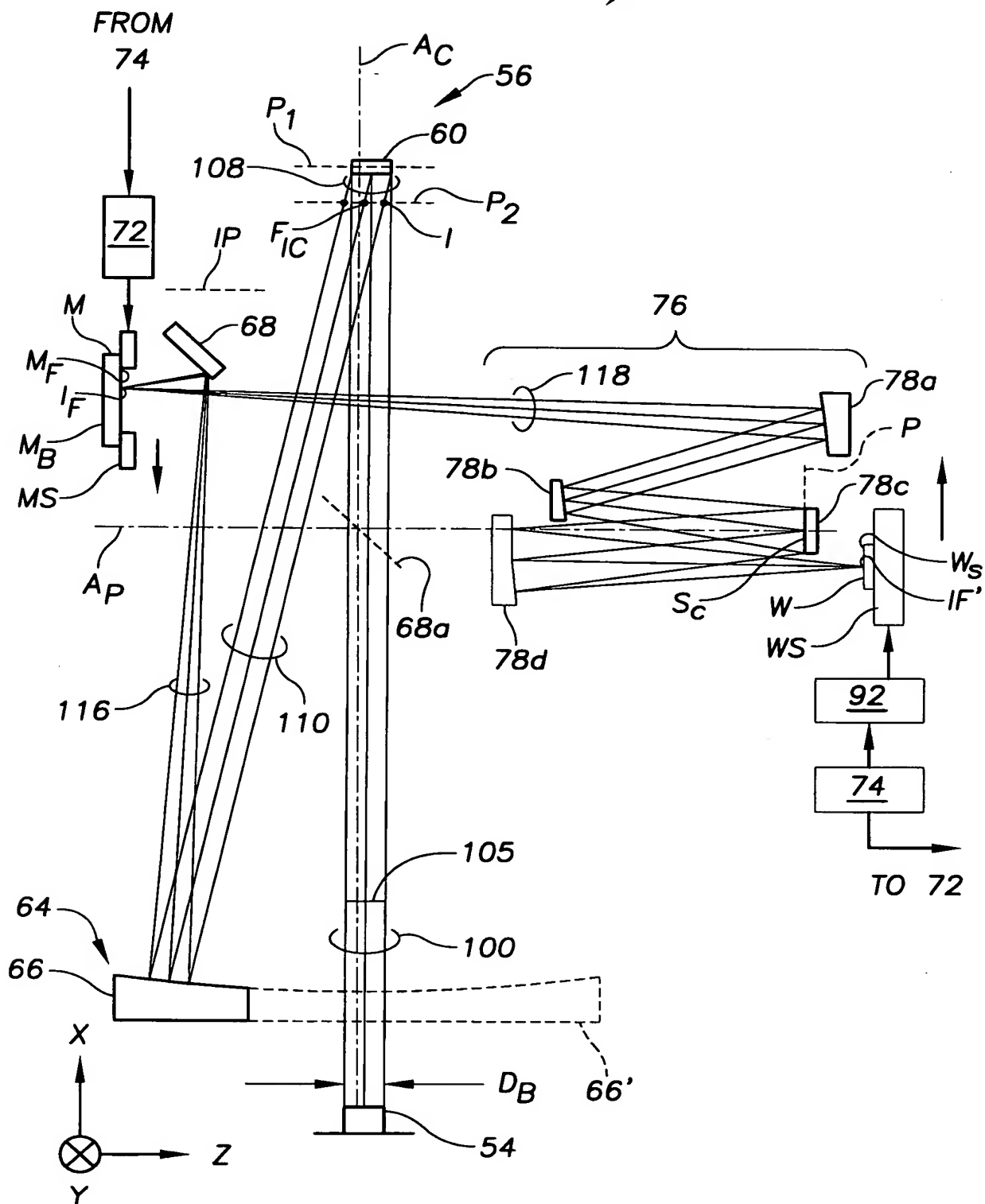


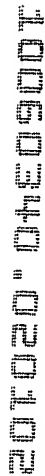
FIG. 3
PRIOR ART



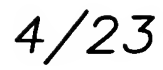
50



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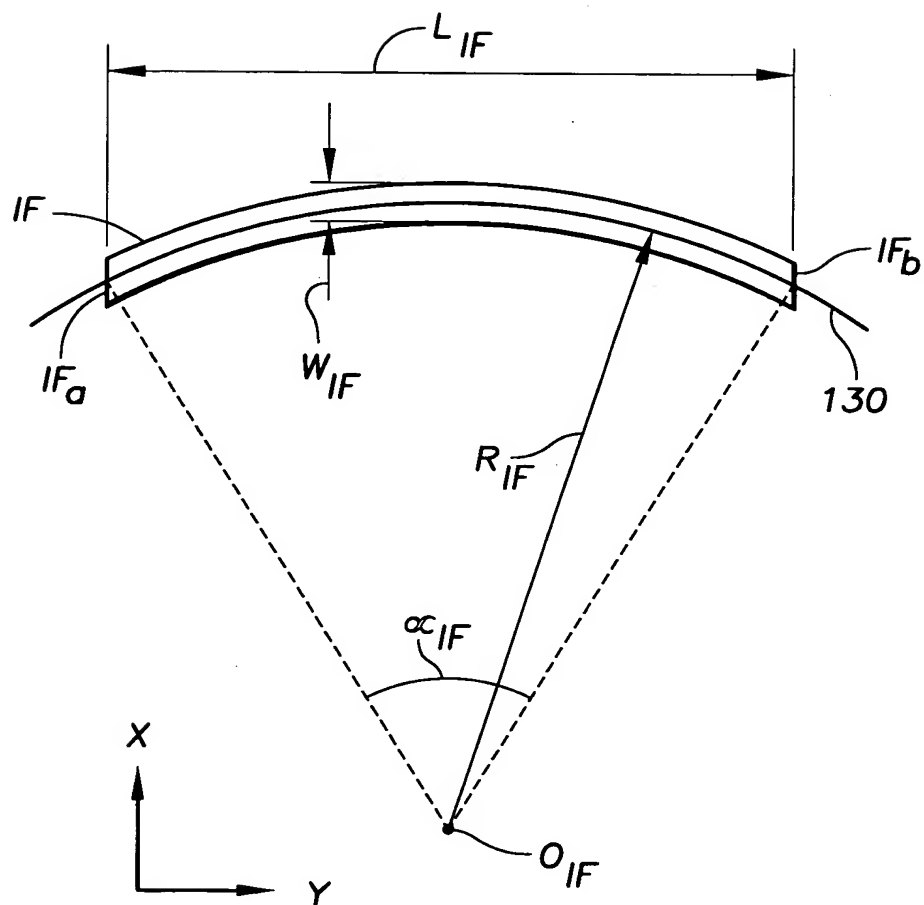


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FIG. 8



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FIG. 9 is a schematic diagram of an optical system 56. The system includes a mirror assembly 60 and a lens assembly 64. The mirror assembly 60 includes mirrors M and IF. The lens assembly 64 includes lenses Ec, Eb, and Ea. Light rays from a source 54 pass through the lens assembly 64 and are reflected by the mirror assembly 60. The system is characterized by focal points P₁ and P₂, and various optical surfaces and components labeled with numbers 100, 105, 110, 116, and 118. A coordinate system (X, Z) is shown at the bottom left.

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FIG. 10

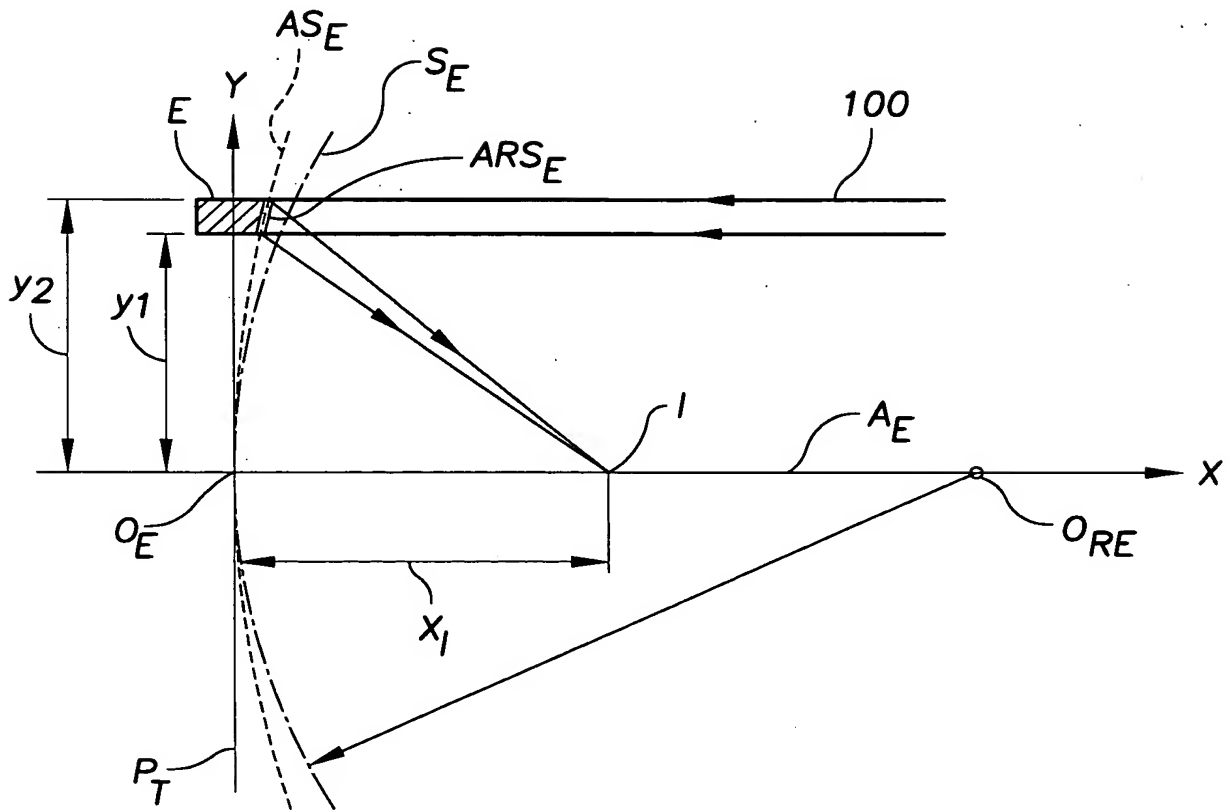
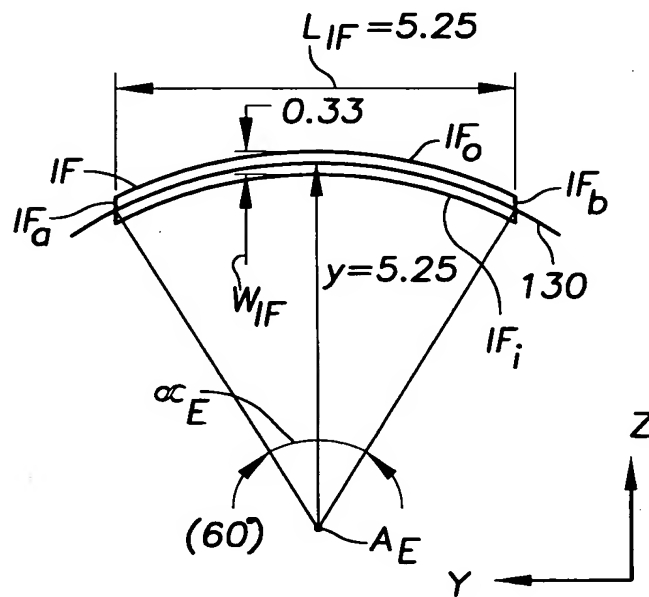


FIG. 11



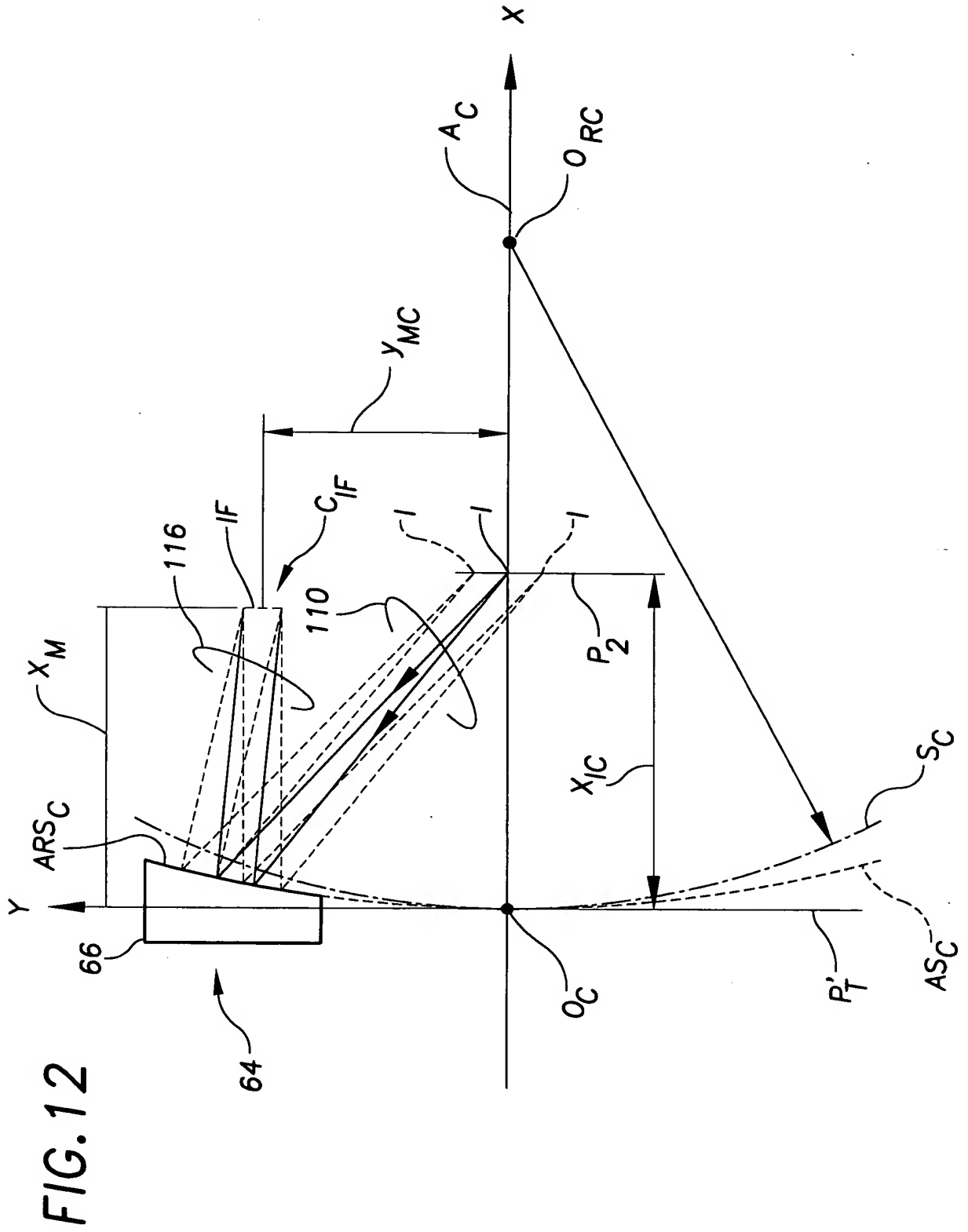


FIG. 14

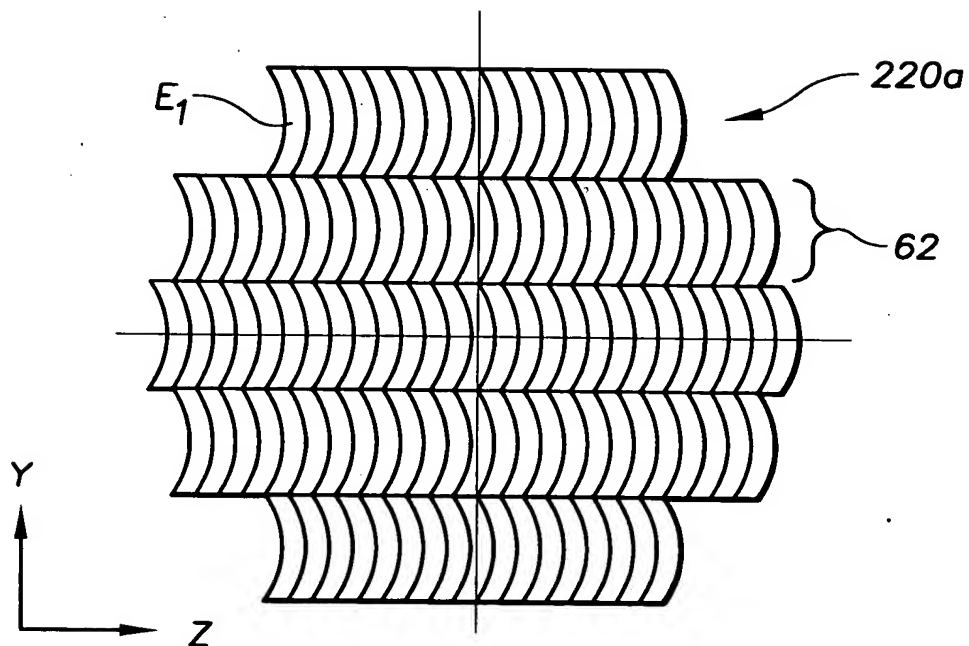
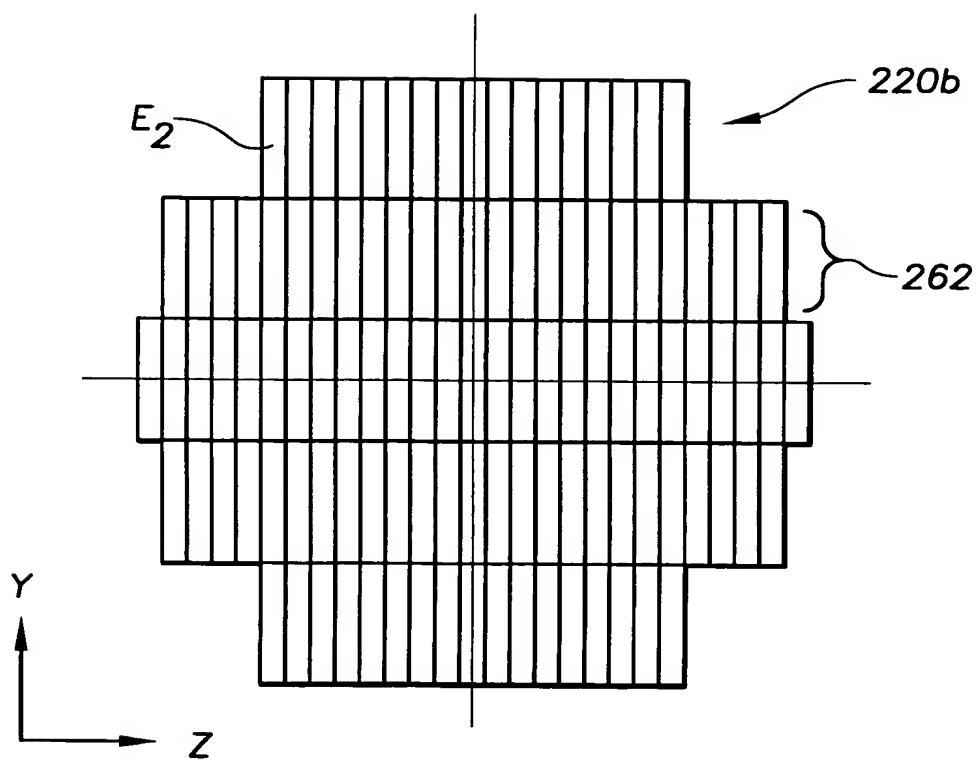


FIG. 15



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FIG.16

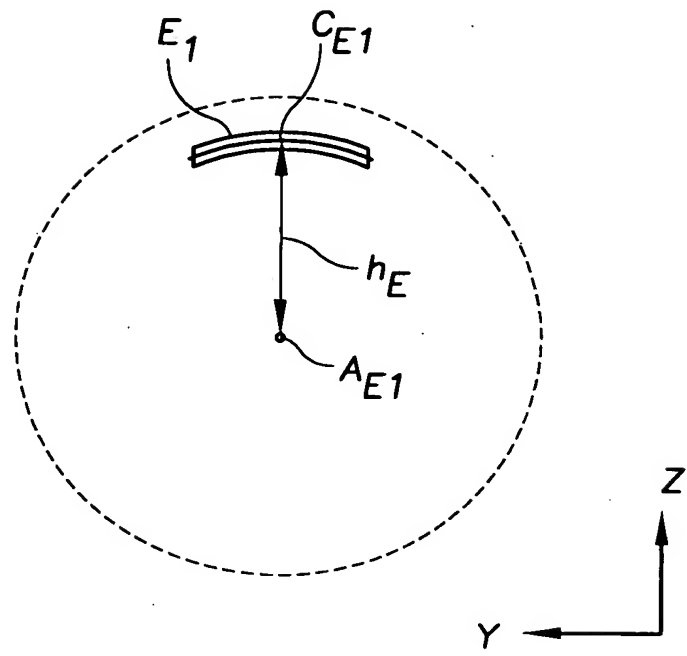


FIG.17

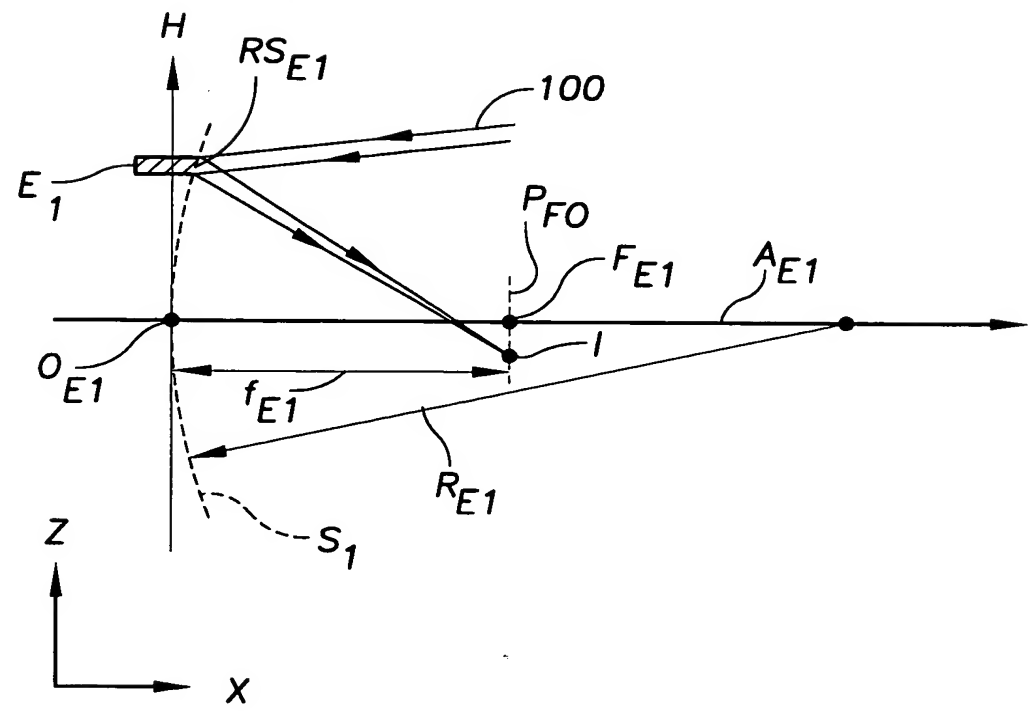


FIG. 18

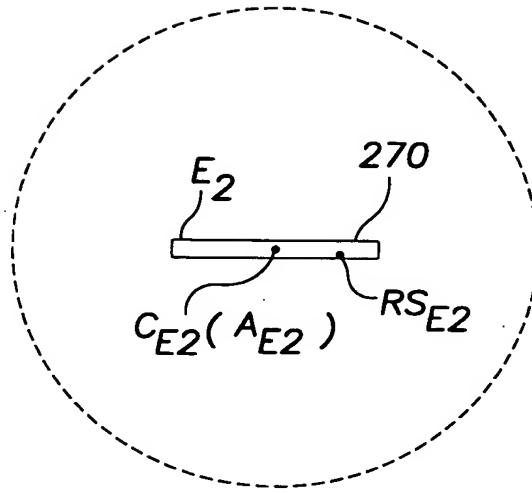


FIG. 19

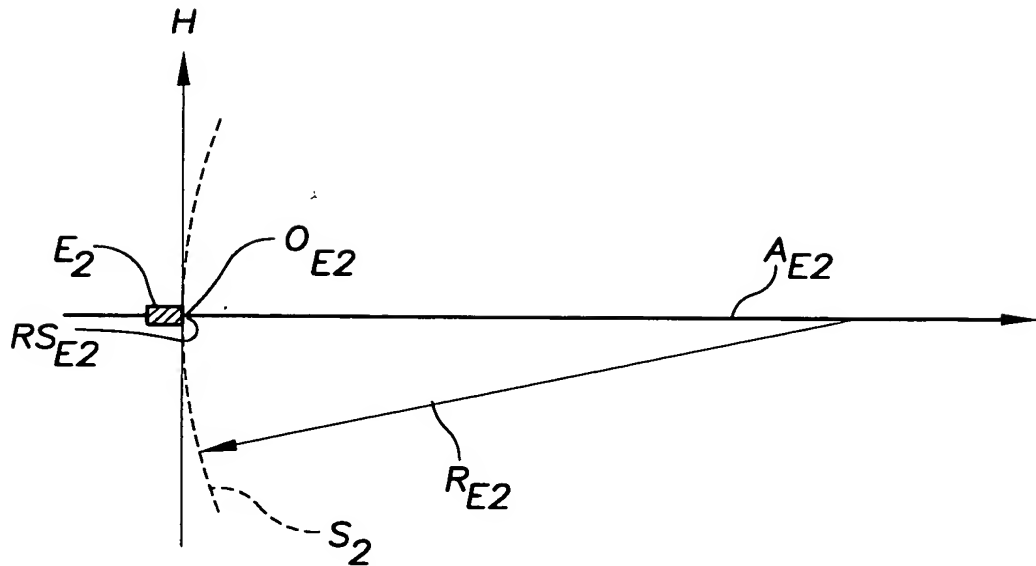


FIG. 20

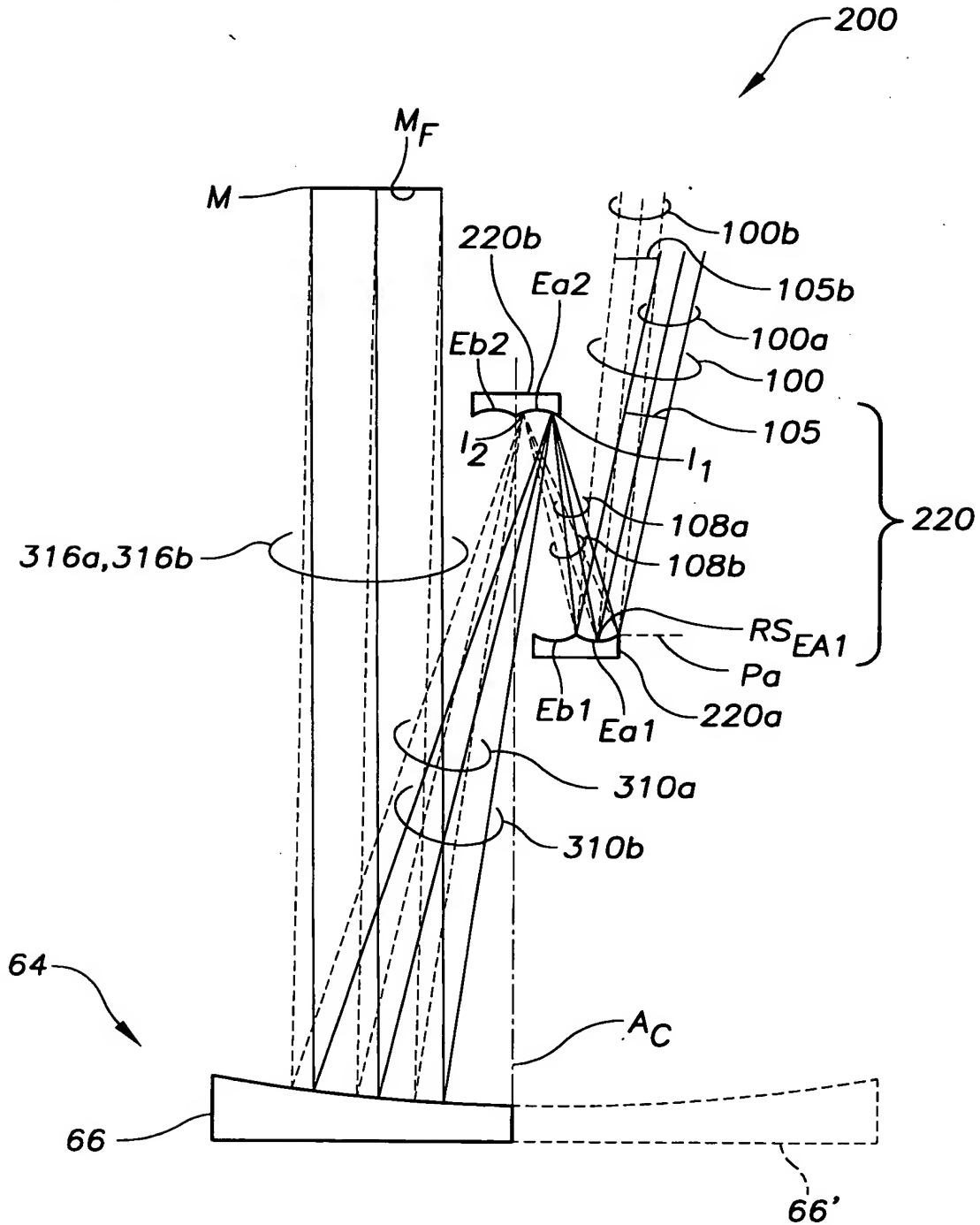


FIG. 21

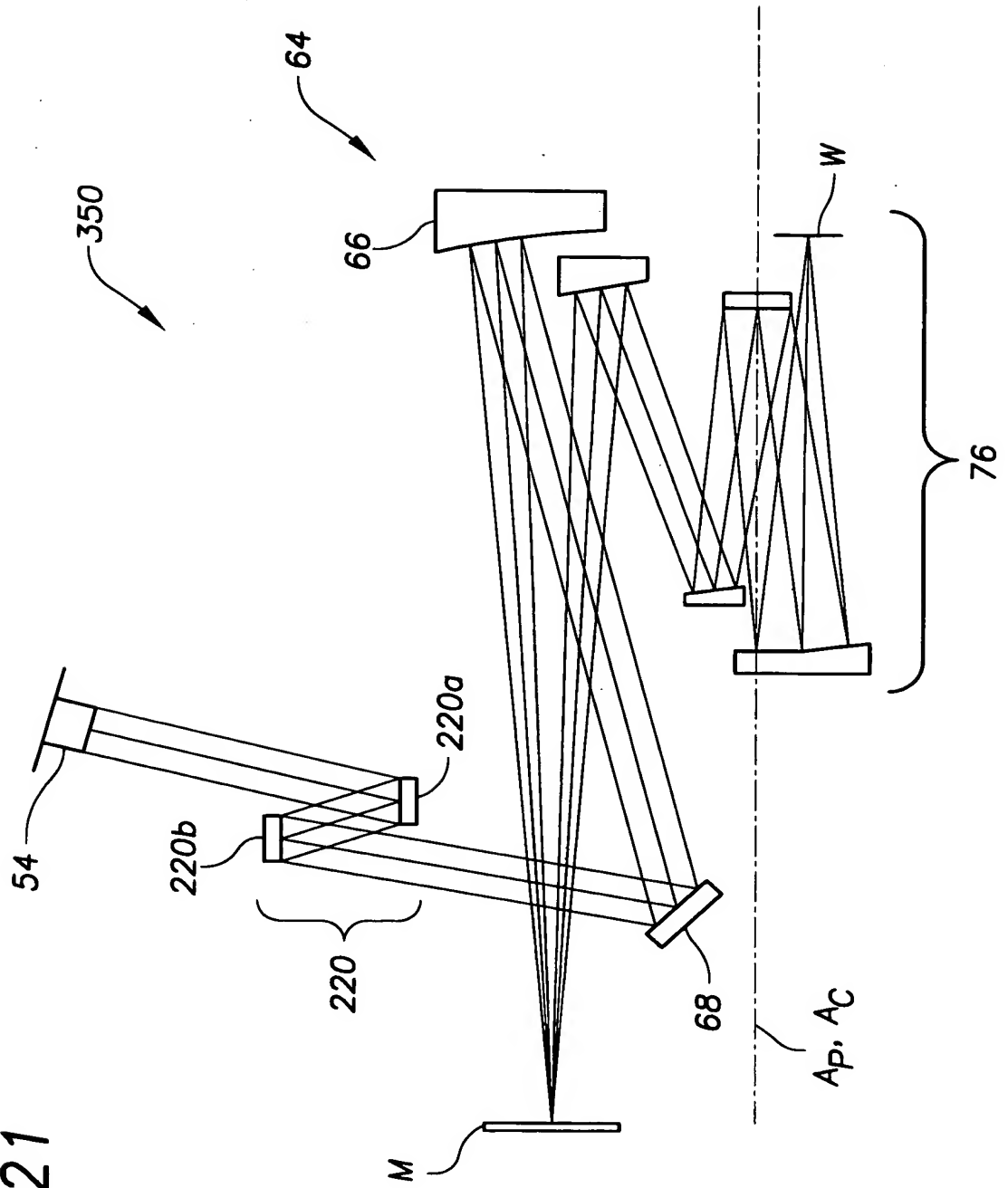


FIG.22

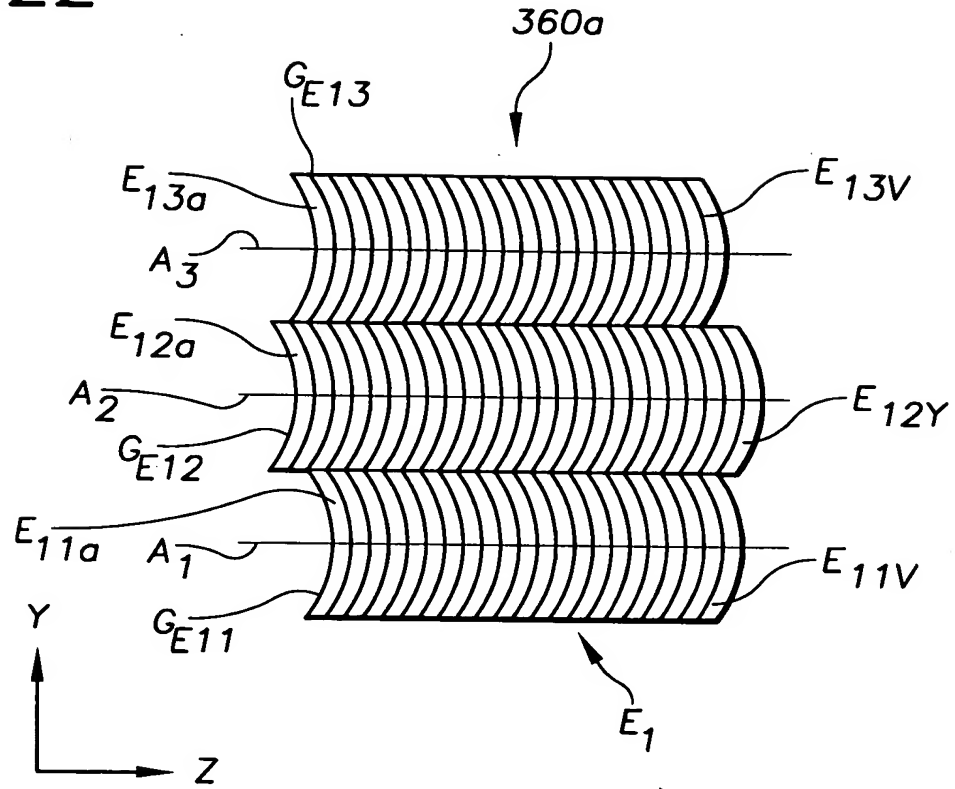


FIG.23

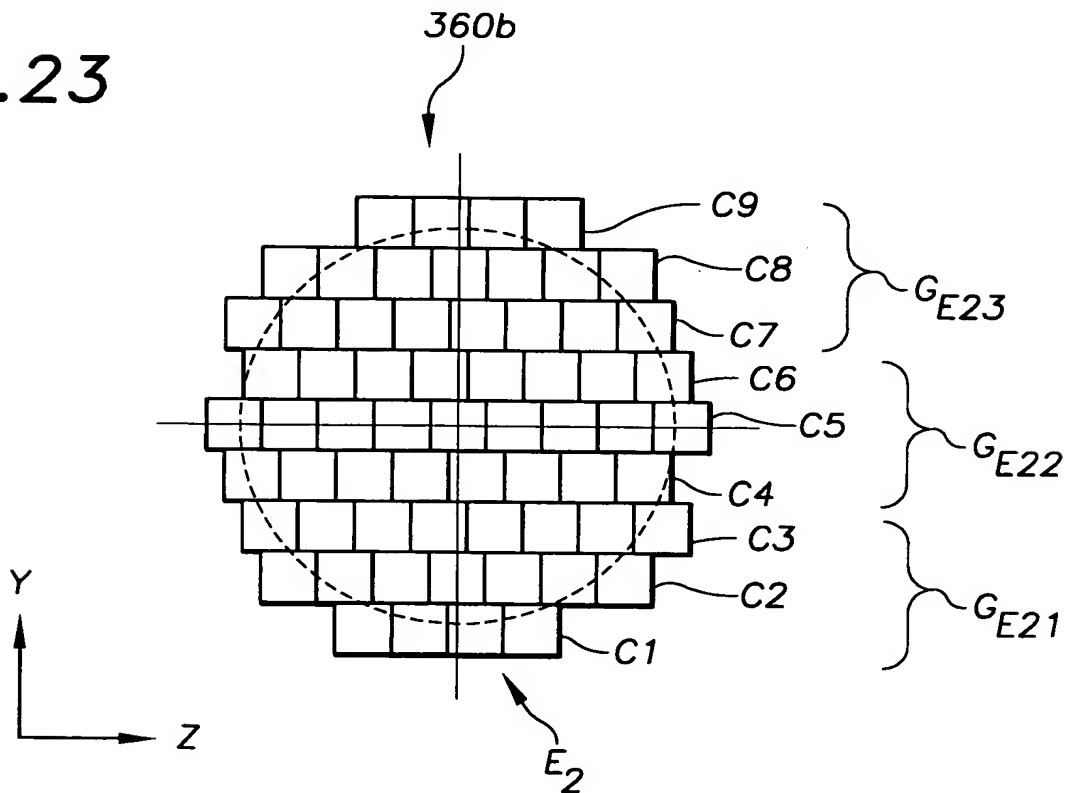


FIG. 24

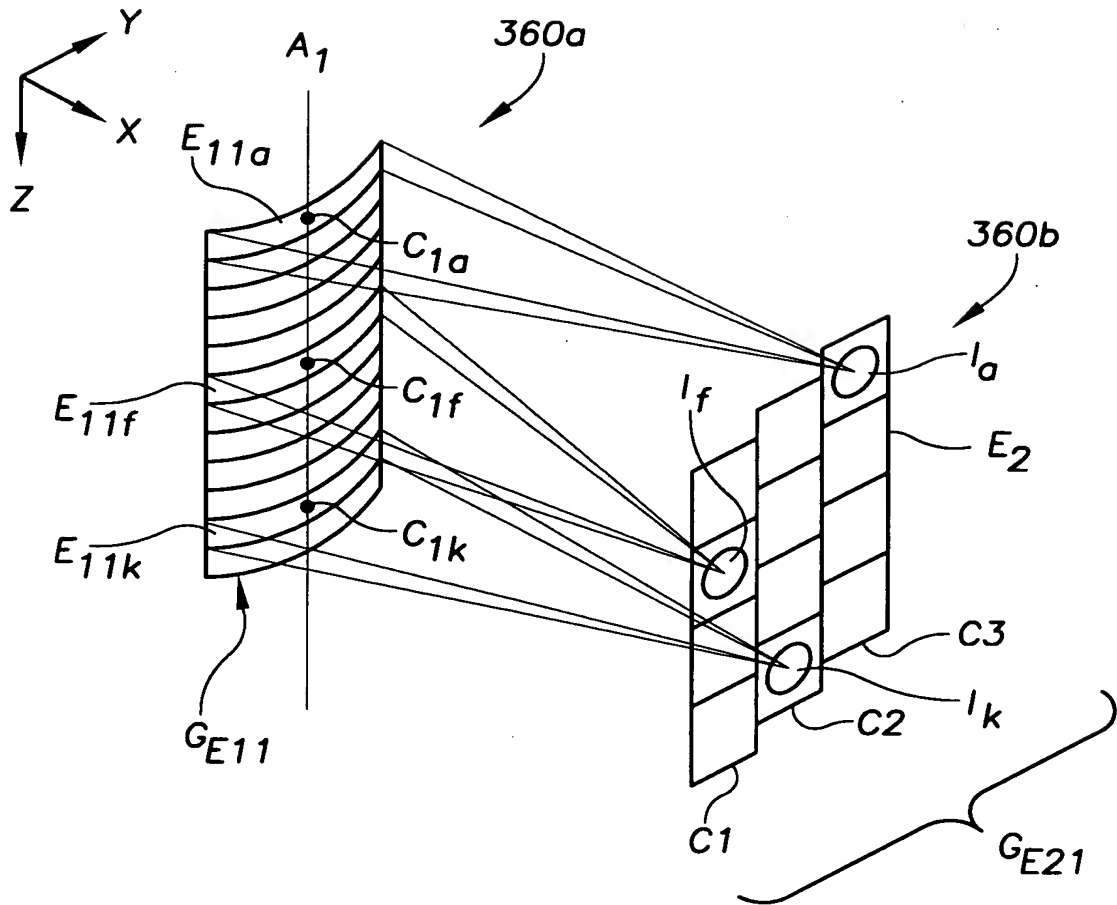


FIG. 25

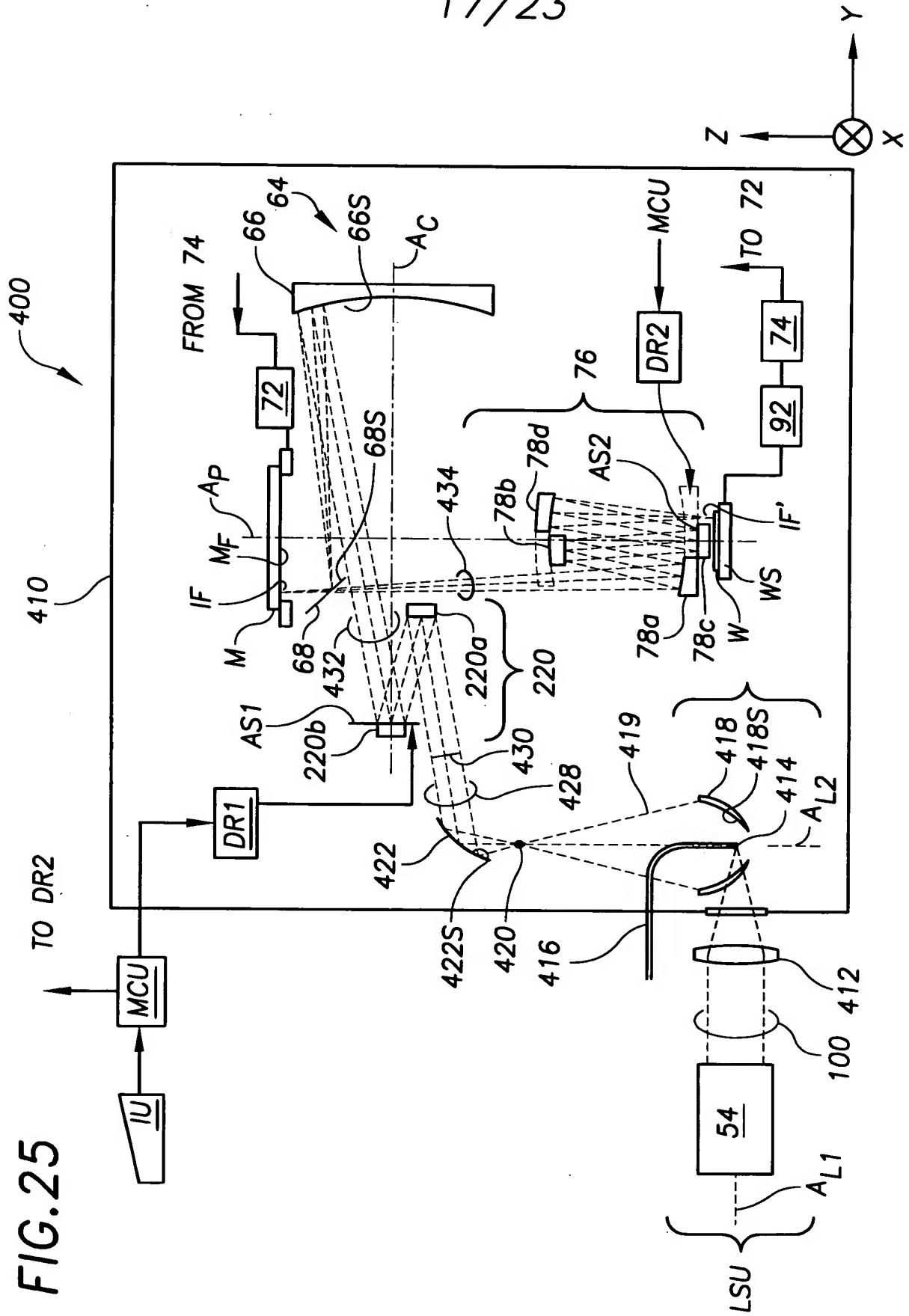
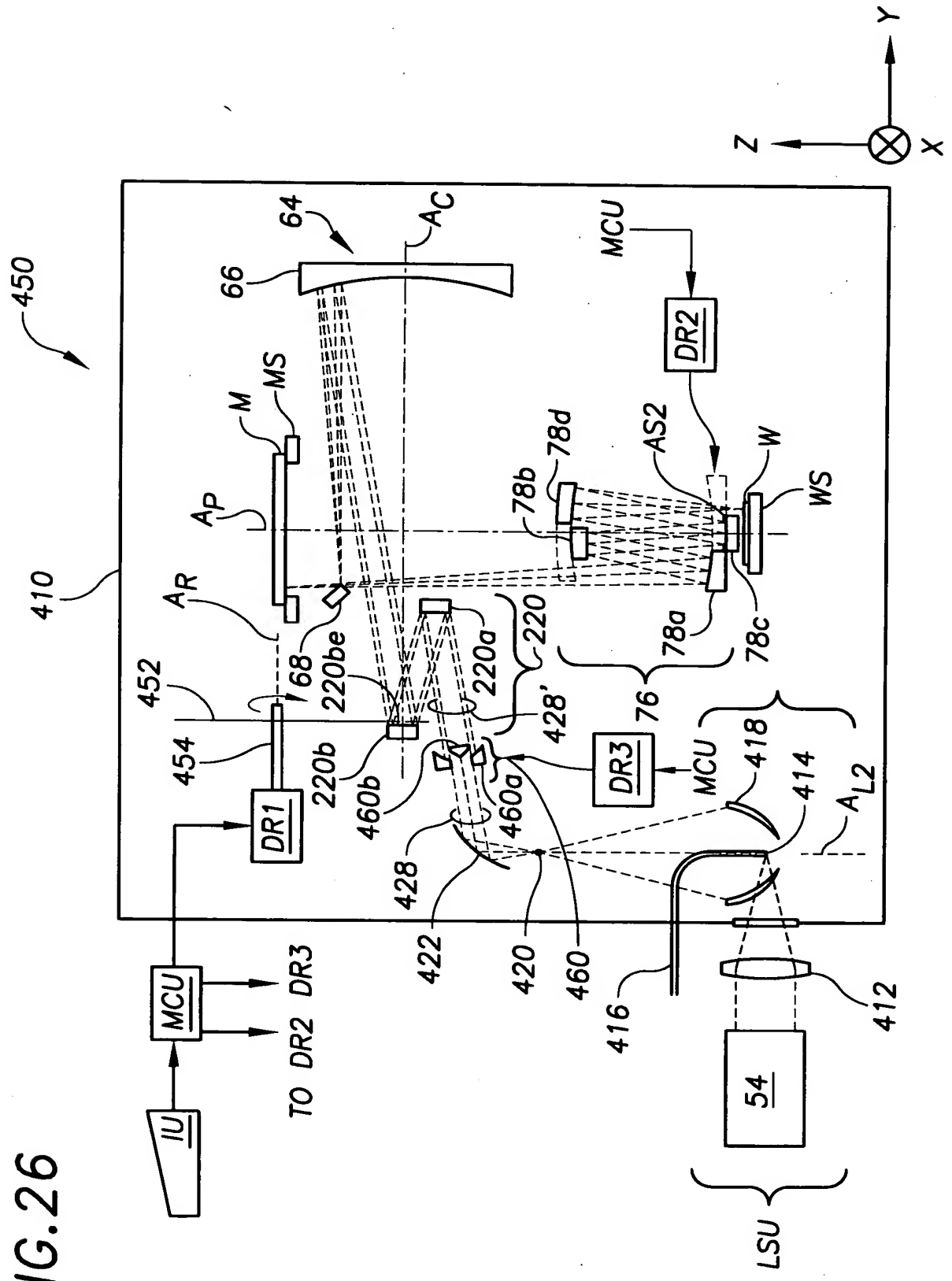


FIG. 26



Top view of a circular substrate 452. The substrate contains six circular regions 456a through 456f. Region 456a is at the top right and contains two concentric circles with radii r_{ao} and r_{ai} . Region 456f is at the middle right and contains two concentric circles with radii r_{fo} and r_{fi} . Region 456c is at the middle left and contains a cross-like pattern. A central cylindrical feature is located in the center of the substrate. Other regions include 456b (top left), 456d (bottom left), and 456e (bottom right). The label 454 points to the boundary of region 456c.

FIG. 28

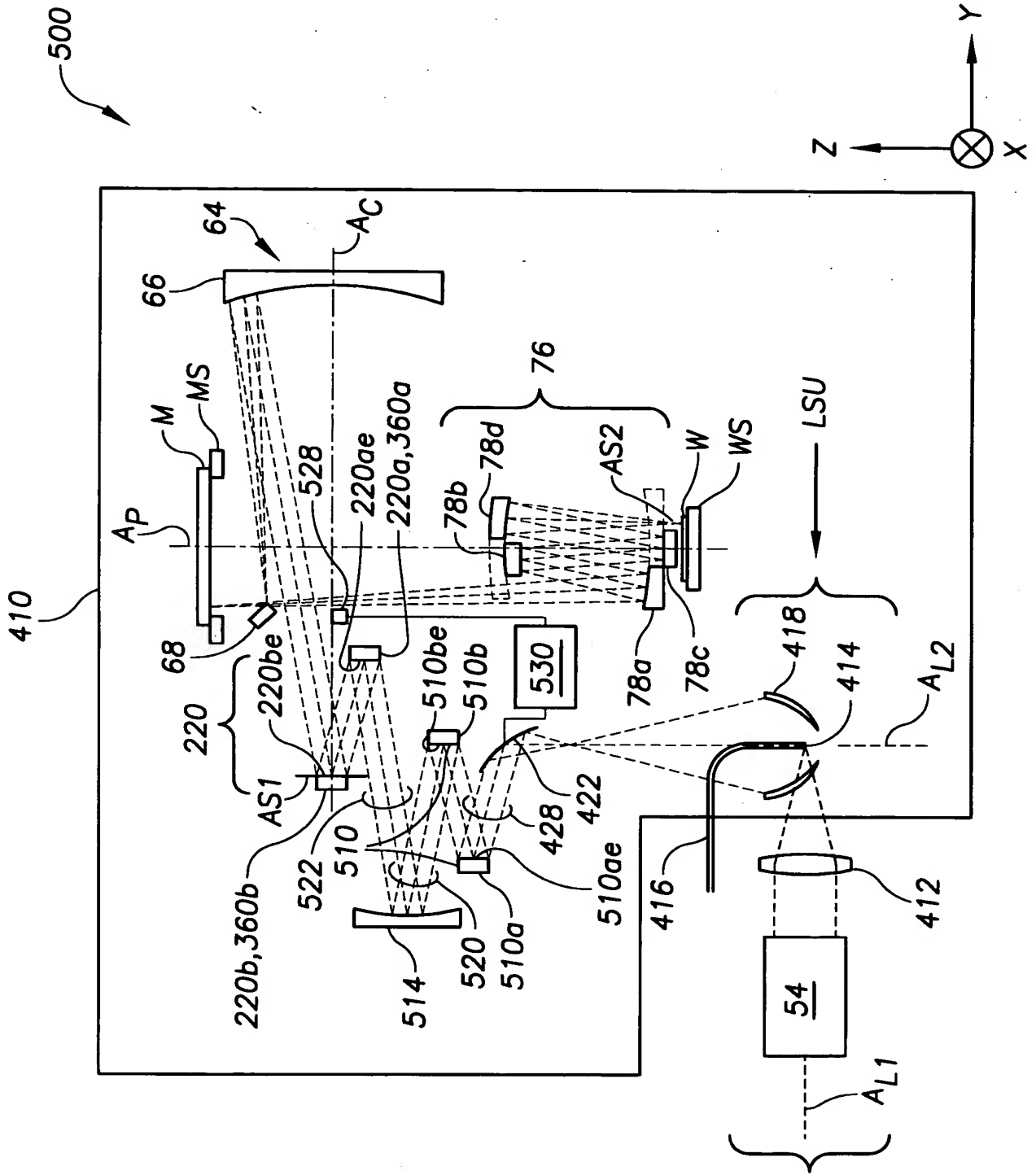


FIG. 29

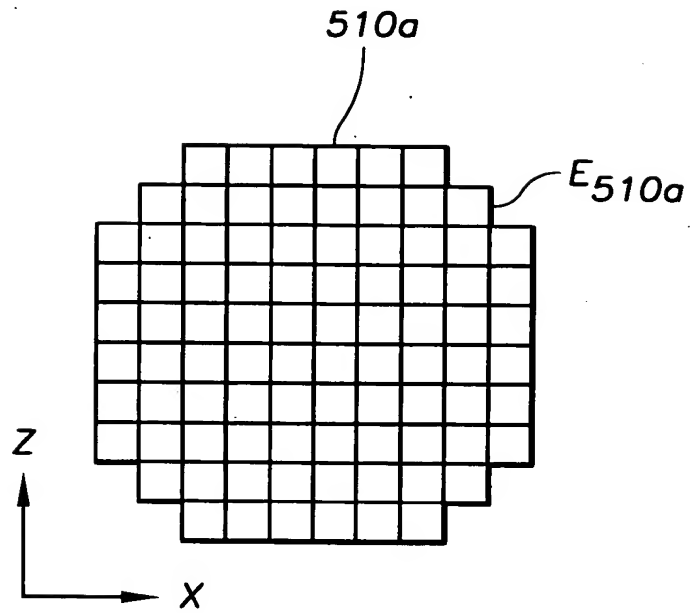


FIG. 30

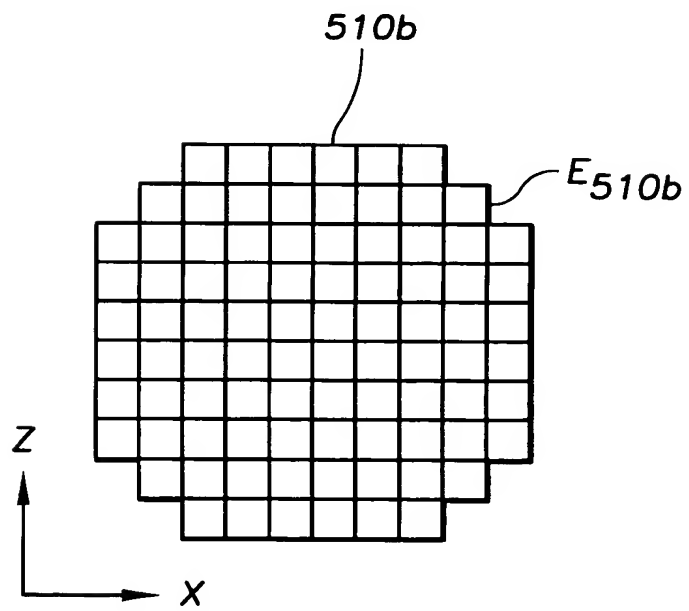


FIG. 31

